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## (54) ANALYSIS SYSTEM FOR MASS SPECTROMETRY SPECTRUM

(57)Abstract:

PROBLEM TO BE SOLVED: To enhance measurement throughput and specimen identification accuracy in a tandem mass spectrometry.

SOLUTION: In this analysis system for a mass spectrometry spectrum using the tandem mass spectrometry for repeating, by n-steps, selection, dissociation, and measurement for an ionic species serving as a measuring object, an ionic species to be measured at MS<sub>n</sub> is selected based on a mass-to-charge ratio (m/z value) as a spectrum analysis result of MS<sub>n-1</sub> (n≥2), and this is repeated until a required number of amino-acid sequences are determined.

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